In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Original)** A reciprocating fuel pump comprising:

a pump assembly including a drive section and a pump section;

a drive assembly disposed in the drive section, the drive assembly providing a reciprocating motion to a drive member;

said pump section having a pump chamber, an inlet for introducing a fluid into the pump chamber and an outlet for fluid to be expressed from the pump chamber;

a plunger assembly comprising a plunger having an upper head region contacting the drive member, a lower end and a longitudinally extending passageway therebetween; and

a valve stem movably located within the passageway and having a lower end including a poppet head, the plunger having an upper position where fluid can be introduced into the pump chamber through the inlet and a lower position where the fluid is forcefully pumped from the pump chamber through the outlet, the reciprocating motion of the drive member moving the plunger between said upper and lower positions, the plunger contacting said poppet head of said valve stem as said plunger moves from said upper position toward said lower position to forcefully move said valve stem into the pump chamber to pump the fluid in the pump chamber outwardly through the outlet.

2. **(Original)** The reciprocating fuel pump as defined in claim 1 wherein said poppet head is displaced away from said lower end of said plunger when said plunger is in said upper position to create a gap between the lower end of the plunger and the poppet head.

3. **(Original)** The reciprocating fuel pump as defined in claim 2 wherein said movement of said plunger toward its lower position moves the lower end of said plunger with respect to said valve stem to close the gap to seal the passageway.

4. **(Original)** The reciprocating fuel pump as defined in claim 3 wherein said poppet head is press fitted with a bore in the valve stem.

5. **(Currently Amended)** The reciprocating fuel pump as defined in claim 1 wherein the plunger assembly further includes a pliable bumper affixed to said plunger and located beneath the [[enlarged]] upper head region.

6. **(Currently Amended)** The reciprocating fuel pump as defined in claim 1, the valve stem further comprising an upper end;

wherein the upper end of said valve stem includes a pliable nipple that forcefully abuts a component of the drive section when said plunger is in said upper position.

7. **(Original)** The reciprocating fuel pump as defined in claim 6 wherein said drive assembly includes at least one permanent magnet and said pliable nipple abuts against said at least one permanent magnet.

8. **(Currently Amended)** The reciprocating fuel pump as defined in claim 7 wherein said pliable nipple is comprised of a deformable plastic material and deforms by [[the]] abutting ~~contact with the component~~ against said at least one permanent magnet to stabilize the plunger.

9. **(Currently Amended)** The reciprocating fuel pump as defined in claim 1 wherein the upper head region has an enlarged upper surface that interfits into a ~~complementary~~ complementarily configured lower surface of the drive member.

10. **(Currently Amended)** A reciprocating fuel pump comprising:

a pump assembly including a drive section and a pump section;

a drive assembly disposed in the drive section, the drive assembly including at least one permanent magnet and a coil assembly disposed within [[the]] a magnetic field of the at least one permanent magnet, said coil assembly movable reciprocally axially along a central axis upon application of alternating current power to the coil assembly;

said coil assembly [[comprises]] comprising a coil bobbin and a coil contained within the coil bobbin, and a drive member actuated by the reciprocating movement of the coil assembly;

said pump section comprising a pump chamber for containing a quantity of fluid and having an inlet and an outlet, and a plunger assembly to pump fluid from the pump chamber; and

said plunger assembly comprising a plunger having an upper head region contacting the drive member, a lower end and a longitudinally extending passageway therebetween, a valve stem movably located within the passageway, the valve stem having an upper end and a lower end including a poppet head, the plunger having an upper position where fluid can be introduced into the pump chamber through the inlet and a lower position where the fluid is forcefully pumped from the pump chamber through the outlet, the reciprocating motion of the drive member moving the plunger between said upper and lower positions, the plunger contacting said poppet head of said valve [[seat]] stem as said plunger moves from said upper position toward said lower position to forcefully move said valve stem into the pump chamber to pump the fluid in the pump chamber outwardly through the outlet.

11. **(Currently Amended)** The reciprocating fuel pump as defined in claim [[9]] 10 wherein said upper head region is an enlarged area having a surface that interfits with [[the]] a contour of the drive member.

12. **(Currently Amended)** The reciprocating fuel pump as defined in claim [[9]] 10 wherein the poppet head is displaced away from said lower end of said plunger when said plunger is in said upper position to create a gap between the lower end of the plunger and the poppet head.

13. **(Currently Amended)** The reciprocating fuel pump as defined in claim [[11]] 12 wherein said movement of said plunger toward [[its]] the lower position moves the lower end of said plunger with respect to said valve stem to close the gap to seal the passageway.

14. **(Currently Amended)** The reciprocating fuel pump as defined in claim [[9]] 10 wherein the upper end of said valve stem includes a pliable nipple that forcefully abuts against the at least one permanent magnet when said plunger is in said upper position.

15. **(Currently Amended)** The reciprocating fuel pump as defined in claim [[13]] 14 wherein the pliable nipple deforms by the abutting with the at least one permanent magnet to stabilize the valve stem within the plunger.

16. **(Currently Amended)** A method of pumping a fluid from a reciprocating pump comprising:

providing a pump assembly having a drive section and a pump section having a pump chamber containing fluid and having an inlet and an outlet, the drive section producing a reciprocating motion upon activation [[by]] of an electrical signal;

providing a [[pump]] plunger assembly within the pump section, the ~~pump assembly including~~ plunger assembly including a plunger and a valve stem [[movable]] movably located within the plunger, the valve stem having a lower poppet head;

transmitting the reciprocating motion of the drive section to the plunger to move the plunger between [[and]] an upper position where fluid can enter the pump chamber through the inlet and a lower position where the plunger forces fluid from the pump chamber through the outlet; and

activating the electrical signal to drive the plunger into contact with the poppet head to move both the plunger and the valve stem into the pump chamber to move the plunger to its lower positon.

17. **(Currently Amended)** The method of claim [[15]] 16 wherein the ~~step of providing a pump assembly comprises providing a pump~~ plunger assembly [[having]] further comprises a gap between [[the]] a lower end of the plunger and the poppet head of the valve stem.

18. **(Currently amended)** The method of claim ~~15 wherein the step of 16~~ 17 wherein ~~the step of~~ activating the electrical signal ~~comprises activating the electrical signal to move~~ causes the plunger to move the distance of the gap before contacting the poppet head as the plunger moves to [[its]] the lower position.

19. **(Currently Amended)** The method of claim [[17]] 18 wherein the ~~step of providing pumping section comprises providing a~~ valve stem [[having]] further comprises an upper pliable nipple formed thereon that abuts against a fixed component of the pump assembly when the plunger is in [[its]] the upper position to stabilize the valve stem.

20. **(Currently Amended)** The method of claim [[17]] 18 wherein [[the step of]] ~~providing a valve stem comprises providing a~~ the valve stem [[having a]] comprises plastic ~~composition with~~ and the poppet head is force fitted within a bore formed in the valve stem.